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INFORMATION DISCLOSURE				Application Number	New Application 10/582, 293		
				Filing Date	June 12, 2006		
	STATEMENT BY APPLICANT			First Named Inventor	Matthew GAVED et al		
Form PTO/SB/08b)	Art Unit	2882		
				Examiner Name	Allen C. Ho		
Sheet	1	of	2	Attorney Docket Number	025538-00085		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
		Database Inspec online; The Institution of Electrical Engineers, Stevenage, GB; October 2004, GERAKI K et al; X-ray Fluorescence and Energy Dispersive X-ray Diffraction For the Characterisation of Breast Tissue XP002327174 Database			
		accession no. 8187632 & 9" International Symposium on Radiation Physics (ISRP9) 26-31, October 2003; Cape town; South Africa, vol. 71, no. 3-4, 26 October 2003, pages 969-970, Radiation Physics and Chemistry Elsevier UK; ISSN: 0969-806X			
		GERAKI K et al: X-ray Fluorescence and Energy Dispersive X-Ray Diffraction for the Characterisation of Breast Tissue;			
000000000000000000000000000000000000000	000000000000000000000000000000000000000	Radiation Physics and Chemistry Elsevier UK, vol. 71, no. 3-4, October 2004, pages 309-970, XF004532005, ISSN: 0909- 806X	900000000000		
	******************************	FARQUAHARSON M J et al: The Use of Combined Trace Element XRF and EDXRD Data as a Histopathology Tool Using a Multivariate Analysis Approach in Characterizing Breast Tissue, X-ray Spectrometry Wiley UK, vol. 33, no. 4, July 2004,	***************************************		
		pages 240-245, XP002327169, ISSN: 0049-8246			
		GERAKI K et al: X-ray Fluorescence and Energy Dispersive X-Ray Diffraction for the Quantification of Elemental Concentrations in Breast Tissue, Phys. Med. Biol., Physics in Medicine and Biology, Jan 7, 2004, vol. 48, no. 1, 7 January	000000000000000000000000000000000000000		
		2004, pages 99-110, XP002327170			
000000000000000000000000000000000000000		Haston J Louise et al: Raman Microscopy and X-ray Diffraction, A Combined Study of Fibrillin-rich Microfibrillar Elasticity J. Bisl. Chem.: Journal of Biological Chemietry Oct 17 2003, vol. 278, no. 42, 17 October 2003, pages 41189 41197.	***************************************		
		XP002327171			
000000000000000000000000000000000000000	000000000000000	KLEUKER U et al: Feasibility Study of X-Ray Diffraction Computed Tomography for medical Imaging", Phusics In Medicine and Biology IOB Publishing UK, vol. 43, no. 10, October 1998 (1988-10), pages 2911-2923, XP002327172 ISSN: 0031-	000000000000		
		9155			
*****************************	000000000000000000000000000000000000000	Barroso R C et al; X-ray Diffraction Microtomography Using Synchrotron Radiation, Microtomography Using Synchrotron Radiation: Nuclear Instruments & Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and			
•		Associated Equipment) Elsevier Netherlands, vol. 471, no. 1-2, September 2001, pages 75-79, XP004306688, ISSN: 0168-9002			
***************************************		FARQUHARSON M J et al: Multivariate Calibraton for Quantitative Analysis of EDXRD Spectra from a bone Phantom"			
		Applied Radiation and Isotopes, Pergamon Press Ltd., Exeter, GB, vol. 48, no. 8, August 1997, pages 1073-1082, XP004094767; ISSN: 0969-8043			
000000000000000000000000000000000000000	000000000000000000000000000000000000000	AL-BAHRI J S et al: Electron Density of Normal and Pathological Breast Tissues using a compton scattering Technique, Applied Radiation and Isotopes, Pergamon Press Ltd., Exeter, GB, vol. 49, no. 12, 1 December 1930, pages 1077-1004,			
	<u> </u>	XP004173168, ISSN: 0969-8043			
		Duvauchelle P et al: Ravleigh to Compton Ratio Computed Tomography Using Synchrotron Radiation NDT & E International, Butterworth-Heinemann, Oxfodr, GB, vol. 33, no. 1, January 2000; pages 23-31, XP004292672, ISSN: 0963-			
		8695	<u> </u>		

Examiner	/Allon C. Ha/	Date	05/25/2009
Signature	/Allen C. Ho/	Considered	03/23/2009

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			YUASA T et al: Incoherent-Scatter Computed Tomography With Monochromatic Synchrotron X Ray: Feasibility of Multi-Ct			
			Imaging System for Simultaneous Measurement of Fluorescent and Incoherent Scatter X Rays, IEEE Transaction on Nuclear Science, IEEE Inc. New York, US, vol. 44, no. e, October 1997 pages 1760-1769, XP000774123 ISSN: 0018-9499			
	***************************************		HARDING G. ET. AL.: Y. Ray Imaging With Compton Scattering Radiation. Rhilips Technical Review, Rhilips Eindhoven.	***************************************		
			NL, vol. 41, no. 2, 1983, pages 46-59, XP008004549, ISSN: 0031-7926, the whole document		ĺ	
		-	DUVAUCHELLE P et al: Effective Atomic Number in the Rayleigh to Compton Scattering Ratio, Nuclear Instruments & Methods in Physics Research Section – B: Beam Interactions with Materials and Atoms North-Holland Publishing			
			Company. Amsterdam, NI, Publishing Company. Amsterdam, NL, vol. 155, no. 3, 1 August 1999, pages 221-228, XP004180221, ISSN: 0168-583X,			
*******			HUDDLESTON A.L. et al: Compton Scatter Densitometry in Cancellous Bone , Phisics in Medicine and Biology. Mar 1979,			
		<u> </u>	vol. 24, no. 2, March 1979, pages 310-318, XP002335622, ISSN: 0031-9155		l	
0000000	***************************************	000000000000000000000000000000000000000	BATTISTA J J et al: Compton Scatter Imaging of Transverse Sections: Corrections for Multiple Scatter and Attenuation.,	000000000000000000000000000000000000000		
			Physics in Medicine and Biology., March 1977, vol. 22, no. 2, March 1977, pages 229-244, XP002335623, ISSN: 0031- 9155,			
0000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	TOTHILL: Methods of Bone Mineral Measurement, Physics in Medicine and Biology, Taylor and Erancis Ltd.; London, CB. vol. 34, no. 5, 1989, pages 543-572, XP002119063, ISSN: 0031-9155	2000000000000000	000	
30000000	000000000000000000000000000000000000000	200000000000000000000000000000000000000	PUUMALAINEN P et al: Assessment of Fat Content of Liver by a Photon Scattering Technique. The International Journal of Applied Radiation and Isotopes: Sep 1877, vol. 26, no. 3, September 1877, pages 783-787, XF002335024, ISSN: 0020	0000000000000		
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